



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	<b>IECEX BAS 06.0023</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 9	Issue 8 (2021-05-11)
Date of Issue:	2022-05-27		Issue 7 (2019-02-28)
Applicant:	<b>Wolf Safety Lamp Company Ltd</b> Saxon Road Works Sheffield S8 0YA United Kingdom		Issue 6 (2017-05-02)
Equipment:	<b>Wolf Mini / Micro Torch Range</b>		Issue 5 (2015-10-23)
Optional accessory:			Issue 4 (2010-10-25)
Type of Protection:	<b>Intrinsic Safety</b>		Issue 3 (2010-06-07)
Marking:	<b>For code, see schedule</b>		Issue 2 (2010-03-22)
			Issue 1 (2007-10-11)
			Issue 0 (2006-05-16)

Approved for issue on behalf of the IECEx  
Certification Body:

**Mr R S Sinclair**

Position:

**Technical Manager**

Signature:  
(for printed version)

Date:  
(for printed version)

27/5/2022

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2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**SGS Baseefa Limited**  
**Rockhead Business Park**  
**Staden Lane**  
**Buxton, Derbyshire, SK17 9RZ**  
**United Kingdom**





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Manufacturer: **Wolf Safety Lamp Company Ltd**  
Saxon Road Works  
Sheffield  
S8 0YA  
**United Kingdom**

Manufacturing locations: **Wolf Safety Lamp Company Ltd**  
Saxon Road Works  
Sheffield  
S8 0YA  
**United Kingdom**

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

## STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

### Test Reports:

[GB/BAS/ExTR06.0040/00](#)  
[GB/BAS/ExTR10.0055/00](#)  
[GB/BAS/ExTR15.0051/00](#)  
[GB/BAS/ExTR20.0007/00](#)

[GB/BAS/ExTR07.0073/00](#)  
[GB/BAS/ExTR10.0114/00](#)  
[GB/BAS/ExTR17.0052/00](#)  
[GB/BAS/ExTR22.0084/00](#)

[GB/BAS/ExTR07.0110/00](#)  
[GB/BAS/ExTR10.0235/00](#)  
[GB/BAS/ExTR17.0052/01](#)

### Quality Assessment Report:

[GB/BAS/QAR06.0017/10](#)



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## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Wolf Mini / Micro Torch Range comprises 5 models using various primary batteries with either a Xenon bulb or LED(s) housed in a straight thermoplastic body. The M-1x, M-2x, M-4x and M-6x may be moulded in static dissipative plastic. The lens end cap retains a transparent plastic lens. The straight body arrangement incorporates a thermoplastic pocket clip and an on/off switch.

The enclosure is sealed dust tight and provides an ingress protection level of IP67.

All the torches are outside the scope of IEC 60079-28.

There are five versions which are coded as follows, the second numeral X may vary to denote sub-versions:

### M-1X Models:

Ex ia I Ma / IIC T5 Ga (-40°C ≤ Ta ≤ +50°C)

Ex ib IIIB T95°C Db IP67

4 x LR44 cells

Single 5mm LED

Permitted cells: Ansmann, Duracell, Energizer, GP, Hi Watt, Maxell, Renata, Varta

### M-2X Models:

Ex ib I Mb / IIC T4 Gb (-40°C ≤ Ta ≤ +40°C) IP67

2 x LR03 (AAA) cells

Xenon bulb

Permitted cells: Duracell Procell/Plus/Ultra M3/Industrial, Procell (grey), Energizer Industrial/Ultra+/Ultimate,

GP Alkaline/Super Alkaline, Panasonic Powermax/Ultra, Philips Powerlife, Varta High Energy

### M-4X Models:

Ex ia I Ma / IIC T4 Ga (-40°C ≤ Ta ≤ +50°C)

Ex ib IIIB T125°C Db IP67

3 x LR1 (N) cells

3 x 5mm LED

Permitted cells: Duracell, Energizer, GP, Maxell, Panasonic, Varta, Philips Powerlife

### M-6X Models:

Ex ia I Ma / IIC T4 Ga (-40°C ≤ Ta ≤ +50°C)

Ex ib IIIB T130°C Db IP67

3 x LR1 (N) cells

Single LED

Permitted cells: Duracell, Energizer, GP, Maxell, Panasonic, Varta, Philips Powerlife

### M-7X Models:

Ex ia I Ma / IIC T4 Ga (-20°C ≤ Ta ≤ +40°C)

Ex ia IIIC T<sub>200</sub>160°C Da IP67

2 x LR03 (AAA) cells

Single LED

Permitted cells: Duracell Procell/Plus/Ultra M3/Industrial, Procell (grey), Energizer Industrial/Ultra+/Ultimate,

GP Alkaline/Super Alkaline, Panasonic Powermax/Ultra, Philips Powerlife, Varta High Energy

**SPECIFIC CONDITIONS OF USE: NO**



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## DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

### Variation 9.1

To permit M-6X LED changes, and marking changes associated with UKEX certification.

ExTR: **GB/BAS/ExTR22.0084/00**

File Reference: **22/0143**